

AMENDMENTS TO THE CLAIMS

1. - 20. (Canceled)

21. (Currently Amended) An isolated nucleic acid ~~consisting of X nucleotides~~ wherein the sequence of the nucleic acid ~~comprises~~ is selected from the group consisting of:

- (a) ~~Y consecutive nucleotides of~~ SEQ ID NOS: 128, 131, or 133;
- (b) an RNA ~~equivalent~~ encoded by the nucleic acid of (a); and
- ~~(c) — a sequence at least 83.3% identical to (a) or (b); or~~
- ~~(d)(c)~~ the complement of any one of (a)–(c)–(a) or (b), wherein the complement is identical in length to (a) or (b).

~~X = 20 to 120,~~

~~Y ≥ 20 to 120,~~

~~X ≥ Y.~~

22. (Canceled)

23. (Currently Amended) ~~The~~ An isolated nucleic acid ~~of claim 21,~~ wherein the ~~X nucleotides are of a~~ sequence of the nucleic acid is selected from the group consisting of: ~~SEQ ID NOS: 477, 480, and 482~~

- (a) SEQ ID NO:477, SEQ ID NO:480, or SEQ ID NO:482;
- (b) an RNA encoded by the nucleic acid of (a); and
- (c) the complement of (a) or (b), wherein the complement is identical in length to (a) or (b).

24. - 34. (Canceled)

35. (Previously presented) A vector comprising the nucleic acid of claim 21.

36. (Currently Amended) A vector comprising the nucleic acid of claim ~~25~~ 23.

37. (Canceled)

38. (New) A probe comprising the nucleic acid of claim 21.

39. (New) A probe comprising the nucleic acid of claim 23.